INTERMATIONAL SEARCH REPORT

Internation Application No

PCT/EP2004/010700 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07K16/28 A61K A61K39/395 C12N5/18 G01N33/50 C12N15/13 A61P31/04 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, Sequence Search C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1,2,4,5, WO 01/36488 A (LEIV EIRIKSSON NYFOTEK AS; DZIEGLEWSKA, HANNA; ESPEVIK, TERJE; 8-29 SUNDAN,) 25 May 2001 (2001-05-25) cited in the application Y abstract 3,6,7,30 page 7, line 4 - page 8, line 9 page 9, lines 1-6page 49, lines 2-9 X WO 03/070761 A (YEDA RESEARCH AND 1,2,4,5 DEVELOPMENT CO. LTD; COHEN, IRUN, R; LIDER, OFER; NU) 28 August 2003 (2003-08-28) abstract page 9, lines 1-3 page 28, lines 1-32 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex Special categories of cited documents 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *O* document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed '&' document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report

07/03/2005

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Form PCT/ISA/210 (second sheet) (January 2004)

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X	UEHORI JUNJI ET AL: "Simultaneous blocking of human Toll-Like receptors 2 and 4 suppresses myeloid dendritic cell activation induced by Mycobacterium bovis bacillus Calmette-Guerin peptidoglycan." INFECTION AND IMMUNITY, vol. 71, no. 8, August 2003 (2003-08), pages 4238-4249, XP002317652 ISSN: 0019-9567 abstract page 4239, column 2, paragraph 1-5 page 4241; table 2 page 4245, column 1, paragraph 2 - column 2, paragraph 2 page 4248, column 2, paragraph 1			
X	SANDOR FRANTISEK ET AL: "Importance of extra- and intracellular domains of TLR1 and TLR2 in NFkappaB signaling." JOURNAL OF CELL BIOLOGY, vol. 162, no. 6, 15 September 2003 (2003-09-15), pages 1099-1110, XP002317653 ISSN: 0021-9525 abstract page 1100, column 1, paragraph 1 - page 1101, column 1, paragraph 1; figure 1 page 1107, column 1, paragraph 3			

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT							
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Y	MATSUGUCHI TETSUYA ET AL: "Gene expressions of lipopolysaccharide receptors, toll-like receptors 2 and 4, are differently regulated in mouse T lymphocytes" BLOOD, vol. 95, no. 4, 15 February 2000 (2000-02-15), pages 1378-1385, XP002317654 ISSN: 0006-4971 abstract page 1380, column 1, paragraph 4; figure 1 page 1383, column 1, paragraph 2	3,6,7,30					
Ρ,Χ	MENG GUANGXUN ET AL: "Antagonistic antibody prevents toll-like receptor 2-driven lethal shock-like syndromes." THE JOURNAL OF CLINICAL INVESTIGATION. MAY 2004, vol. 113, no. 10, May 2004 (2004-05), pages 1473-1481, XP002317655 ISSN: 0021-9738 abstract	1-31					

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 23-30(all partially) because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 23-30 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the dalms; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

INTERMATIONAL SEARCH REPORT

Information on patent family members

Internation Application No
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